



# MERCURY VENTURA

*NSN: 5865-99-396-9156*

The Mercury range of electronic countermeasures (ECM) systems is designed to provide a wide range of practical enhancements over existing jamming systems available today.

At the heart of each system are ultra-fast, powerful and versatile signal sources. These can be programmed to suit the local threat environment and can be upgraded in modular increments to increase system coverage or address new threats.

#### Mercury offers:

- A suite of permanent inhibition systems choose from vehicle or man-portable options
- Continuous fully programmable jamming coverage available from 20MHz to 6GHz that is 4G LTE ready
- Ultra-fast agile signal generation technology within all products in the Mercury range

## Options

- **VENTURA manpack**  
A high power man-portable carry forward system with detachable battery cage
- **VENTURA dock**  
An optional vehicle docking station for use with a VENTURA manpack which adapts it for use as a high threat vehicle mounted system.





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**NSN: 5865-99-396-9156**  
Understanding the threat,  
ADVANCING the response.

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# MERCURY VENTURA MANPACK

KT-967-823

## Specifications

- Dimensions  
460mm x 310mm x 140mm
- Weight  
15kg

## Contents

Mercury VENTURA Man Portable electronic countermeasures (ECM) system 20MHz to 2.7GHz

Comprises of the following:

- Ventura 20MHz to 2.7GHz.
- Omni antenna set
- Battery cage for 2 batteries
- Lithium-ion 2590 rechargeable batteries x 2
- 2 Channel mains battery charger.
- Kirintec commercial fill
- Software configuration CD
- Program data cable

*N.B. Manuals are provided in English - other languages are available on request*



*VENTURA Manpack*



# MERCURY VENTURA VEHICLE DOCK

*KT-950-042*

With the battery cage removed a VENTURA system can be fitted to a vehicle dock to turn it into a high power vehicle based jammer. The dock consists of a permanently installed vehicle based docking system that re-routes all the antenna RF signals through higher power amplifiers.

## Vehicle installation

Mercury vehicle dock has been installed in a wide range of vehicles including:

- armoured military vehicles
- soft skin
- armoured SUV's
- armoured limousines.

VENTURA is highly efficient and compact so it can be fitted in a range of spaces with minimal impact on vehicle ergonomics and cooling systems.

Our support teams are available to advise or arrange fitting in any area of the world.

## Specifications

- Dimensions  
32 x 24 x 37cm
- Weight  
13.1kg



*VENTURA Dock*



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Mercury System Characteristics	VENTURA ECM
Frequency range - standard	20MHz - 2.7GHz
Frequency range - extended	20MHz - 6GHz
RF Power output - user controlled depending on configuration	Up to 45W (200W with vehicle dock)
Voltage in	20-35V 12V with VIK
Operating temperature range as standard	-20°C to +60°C
IP 65 environmental protection	Yes
Programmable	Yes
Built-in self test	Yes
Anti-tamper	Yes
Zeroise	Yes
Remote control unit	With docking unit only
Weight (main unit only)	8kg exc. batteries
Batteries	Detachable 2590 Li-ion
Battery charger	Yes
Vehicle shock-mount tray	With docking unit only
Antenna set	Omni
Vehicle integration kit	With docking unit only
Programming files and transfer device	Yes

### Mercury VENTURA

Part No	Description	NSN
KT-967-823	VENTURA Manpack Includes antennas but requires batteries and battery cage.	5865-99-396-9156
KT-950-042	VENTURA Vehicle Dock	

*(Please contact us for advice on a configuration to meet your frequency requirements).*